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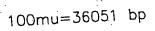
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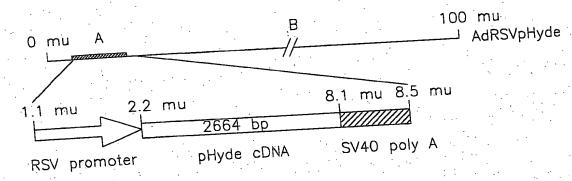
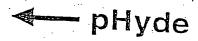


FIG.1

### DU145 Control

### DU145/AdpHyde





EIG 2A

## DU145 Control

# DU145/AdRSVpHyde

pHyde

FIG 2B

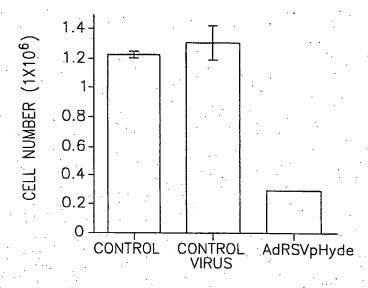


FIG.3A

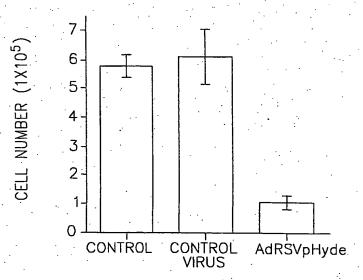


FIG.3B

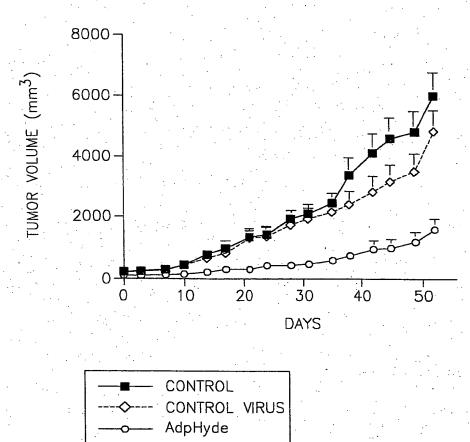
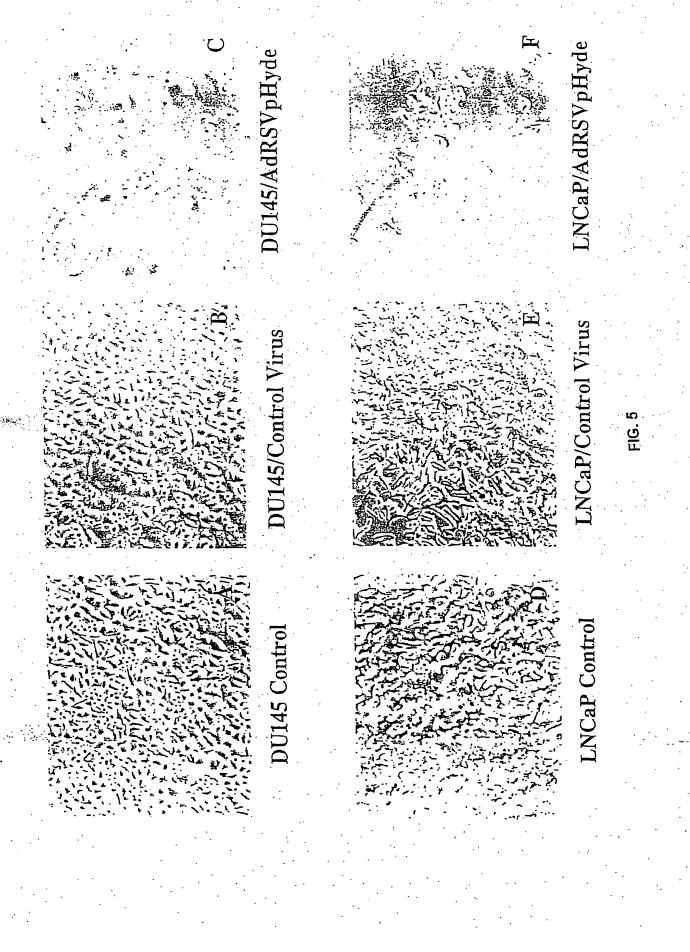


FIG.4



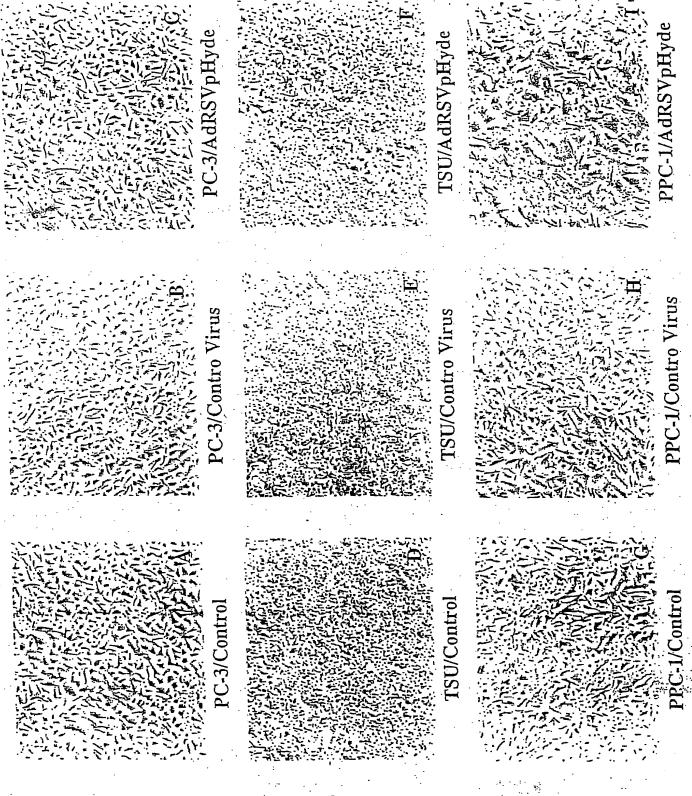


FIG. 6

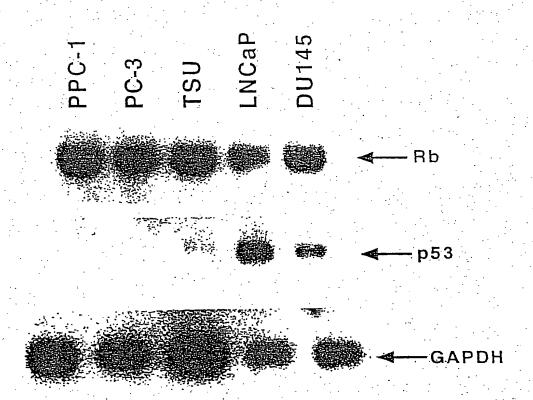


FIG. 7

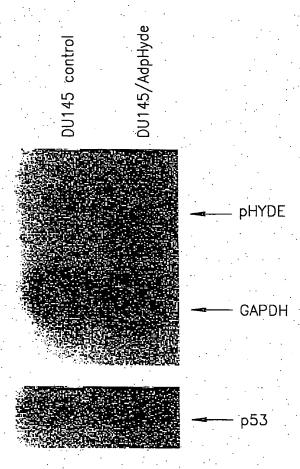


FIG.8

LNCaP Control
LNCaP/AdRSVpHyde

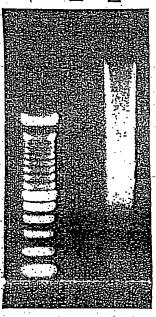


FIG. 9

### SECUENCE OF REGION A OF AdRSVpHyde:

GCGGCCGCCATCATCAATAATATACCTTATTTTGGATTGAAG CCAATATGATAATGAGGGGGTGGAGTTTGTGACGTGGC GCGGGGCGTGGGAACGGGGGGGGGTGACGTAGTAGTGTGGC GGAAGTGTGATGTTGCAAGTGTGGCGGAACACATGTAAGC GACGGATGTGGCAAAAGTGACGTTTTTGGTGTGCGCCGGTG TACACAGGAAGTGACAATTTTCGCGCGGTTTTAGGCGGA TGTTGTAGTAAATTTGGGCGTAACCGAGTAAGATTTGGCCAT TTTCGCGGGAAAACTGAATAAGAGGAAGTGAAATCTGA ATAATTTTGTGTTACTCATAGCGCGTAATATTTGTCTAGGGCC GCGGGGACTTTGACCGTTTACGTGGAGACTCGCCCAG GGCGCGCCCGATGTACGGGCCAGATATACGCGTATCTGAG GGGACTAGGGTGTTTTAGGCGAAAAGCGGGGCTTCGGT TGTACGCGGTTAGGAGTCCCCTCAGGATATAGTAGTTTCGCT TTTGCATAGGGAGGGGAAATGTAGTCTTATGCAATAC TCTTGTAGTCTTGCAACATGGTAACGATGAGTTAGCAACATG CCTTACAAGGAGAAAAAGCACCGTGCATGCCGATTG GTGGAAGTAAGGTGGTACGATCGTGCCTTATTAGGAAGGCTA ACAGACGGGTCTGACATGGATTGGACGAACCACTGAATT CCGCATTGCAGAGATATTGTATTTAAGTGCCTAGCTCGATAC AATAAACGCCATTTGACCATTCACCACATTGGTGTGCA CCTCCGGCCCTGGCCACTCTCTTCCGCATCGCTGTCTGCGGG GGCCAGCTGTTGGGCTCGCGGTTGAGGACAAACTCTTC GCGGTCTTTCCAGTACTCTTGGATCGGAAACCCGTCGGCCCTC CGAACGGTACTCCGCCGCCGAGGGACCTGAGCGAGTCC GCATCGACCGGATCGGAAAACCTCTCGAGAAAGGCGTGTAA CCAGTCACAGTCGCTCTAGAACTAGTGGATCCCCCGGGC TGCAGGAATTCGATAATTCGGCACGAGGCTGCCGAGGCACT GTGATGTCCGGGGAGATGGACAAACCGCTCATCAGTCGC CGCTTGGTGGACAGTGATGGCAGTCTGGCTGAGGTCCCCAA GGAGGCTCCCAAAGTGGGCATCCTGGGCAGCGGGGATTT TGCCCGGTCCCTGGCCACACGCCTGGTGGGCTCTGGCTTCT TTGTGGTGGTGGGAAGCCGTAACCCCAAACGCACTGCCG GCCTCTTCCCCTCCTTAGCCCAAGTGACTTTCCAGGAGGAGG CCGTGAGCTCTCCAGAGGTCATCTTTGTGGCCGTGTTC CGGGAGCACTACTCCTCACTGTGCAGTCTTGCTGACCAGTTG GCTGGCAAGATCCTAGTGGATGTAAGCAACCCCACGGA GAAGGAGCGTCTTCAGCACCGCCAGTCGAACGCCGAGTACC TGGCCTCCCTCTTCCCTGCCTGCACTGTGGTCAAGGCCT TCAACGTCATCTCTGCATGGGCCCTACAGGCTGGCCCAAGG GATGGGAACAGGCAGGTGCTCATCTGCGGTGACCAGCTG GAAGCCAAGCACACCGTCTCAGAGATGGCGCGCGCCATGG GTTTCACCCCACTGGACATGGGATCCCTGGCCTCAGCGAG GGAGGTAGAGGCCATACCCCTGCGCCTCCTTCCATCCTGGA AGGTGCCCACCCTCCTGGCCCTGGGGCTAAGCACACAA

GCTATGCCTACAACTTCATCCGGGACGTTCTACAGCCGTACA TCCGGAAAGATGAGAACAAGTTCTACAAGATGCCCCTG TCTGTGGTCAACACCACGaTACCCTGTGTGGCTTACGTGCTG CTGTCCCTGGTTTACCTGCCTGGTGTGCTGCCAGCTGC CCTTCAGCTGAGGAGGGGGCCAAGTACCAGCGCTTCCCAG ACTGGCTGGACCATTGGCTGCAGCACCGCAAGCAGATCG CTGGTCAACCTGGCTGTGAAGCAGGTCCTGGCCAACAAGAG CCGCCTCTGGGTTGAGGAAGAAGTCTGGCGGATGGAGAT ATACCTGTCCCTGGGTGTGCTGGCTCTGGGCATGCTGTCACT GCTGGCGGTTACCTCGATCCCTTCCATTGCAAACTCAC TCAACTGGAAGGAGTTCAGCTTTGTGCAGTCCACGCTGGGC TTCGTGGCCCTGATGCTGAGCACAATGCACACCCTCACC TACGCGCTGGACCCGTGCTTTTGAGGAAAACCACTACAAGTTC TACCTGCCACCCACATTCACGCTCACGCTGCTCCTGCC CTGTGTCATCATCCTGGCCAAGGGCCTCTTCCTCCTGCCCTG CCTCAGCCACAGACTCACCAAGATCCGCAGGGGCTGGG AGAGGGATGGTGCCGTCAAGTTCATGCTGCCCGCTGGCCAC ACACAGGGGGAGAAAACAAGCCACGTGTGAGGCCCTGGA TCGGGTCTCTTTTCTGGGATGGTATATGCGTGGGTGGCCG AGGTCTGAATTTCTGGGATGCAGGTGTATGCCGAGATACTCA GAATGGCGTACCACACATGCGATAAGAGCTCACATATA ATAGTGGGTCCTTATATTTCAACTTATGCAGGGTCC CTATATTTCAACTTGAGCATTTCAGAGCAAATGCCACACATTA AACAGCAGATCCCACCCTTGTGGTAGCTGCAGAGACA GACAGAAACTTCTGGTtATGAGAGAGACTGTATTTTGTTGGAT TCTACCTTTAATCCCCGTTCTCTACGTTcCCCTGTTA GCCACATCTTAACGTTGGTGCAGAGCTGGGACAAGAGCTGG CTCTGGTGCAGCCTCCCCCATCCCAGGGCTAGGAAACAA GCCTCTGATGAACAGAGGGACCAGGTCTGGACCCTCCTGCT CCCGCTTCCCTGGGCTCGAGTGGGGAGGCTCAGCGGGAT CCCCCGCAATCTGTGCAGGAGTTTTCACAGGTCTGTCCTTTC TTCCGGGAGCGGTCTGAAGCGGCCCCATCTGATCCTAG CTGAGCCGAGATTGTTCCCCCACTCCCTGAAAGTCCAGAGTCA CCGTGGAGCCTGCAAATTGCTCCTTCTGCGAAGGTGTG AAGTCACCGTCTCACCAGAGCCATTAACGAACCTGATCTTCA GAAGAAGCATAATTGTTTCCCCCTCCATTAAGTTGGTGG TGACCCTCTTTAAACCACTGTGCCTTCTCGCCTTTCCCATCAC TAATTTGGGCATCTCCATGGAGTGGACTCTTGTCGGG GCAGTTCAGGGGGGGGGGAGGATTAGAGATTGCGGAGAA TAACCATCGAAGCCTCCCTTGGATGTTCCCAGGCGTGCCT

TCATTAAATTGGTCCCTAATGAGAATGACAGGGGACCCCTGT
TGCCTGTaTGCAGAGAACCAGCCTTCTGAGCACCCAGG
AAACACAGTGGCCCCACGCCCTTCAGGGGGGTCCCACGTCC
CCTTTCCCATGCTTTTGCCTCCCTCCCTCCCGGTTACAA
TCAACCATAAAAGTCTGCAAATATTGTTTTTTTGAATTATCAAG
CTTATCGATACCGTCGAAACTTGTTTATTGCAGCTTA
TAATGGTTACAAATAAAGCAATAGCATCACAAATTTCACAAAT
AAAGCATTTTTTTCACTGCATTCTAGTTGTGTTTGT
CCAAACTCATCAATGTATCTTATCATGTCTGGATCCGACCTCG

### SECUENCE OF REGION B OF AdRSVpHyde:

ATCTGGAAGGTGCTGAGGTACGATGAGACCCGCACCAGGTG CAGACCCTGCGAGTGTGGCGGTAAACATATTAGGAACCA GCCTGTGATGCTGGATGTGACCGAGGAGCTGAGGCCCGATC ACTTGGTGCTGGCCTGCACCCGCGCTGAGTTTGGCTCTA GCGATGAAGATACAGATTGAGGTACTGAAATGTGTGGGCGT GGCTTAAGGGTGGGAAAGAATATATAAGGTGGGGGTCTT ATGTAGTTTTGTATCTGTTTTGCAGCAGCCGCCGCCGCCATG AGCACCAACTCGTTTGATGGAAGCATTGTGAGCTCATA TTTGACAACGCGCATGCCCCCATGGGCCGGGGTGCGTCAGA ATGTGATGGGCTCCAGCATTGATGGTCGCCCCGTCCTGC CCGCAAACTCTACTACCTTGACCTACGAGACCGTGTCTGGAA CGCCGTTGGAGACTGCAGCCTCCGCCGCCGCTTCAGCC GCTGCAGCCACCGCCGCGGGATTGTGACTGACTTTGCTTTC CTGACCCGCTTGCAAGCAGTGCAGCTTCCCGTTCATC CGCCCGCGATGACAAGTTGACGGCTCTTTTGGCACAATTGG ATTCTTTGACCCGGGAACTTAATGTCGTTTCTCAGCAGC TGTTGGATCTGCGCCAGCAGGTTTCTGCCCTGAAGGCTTCCT CCCCTCCCAATGCGGTTTAAAACATAAATAAAAAACCA GACTCTGTTTGGATTTGGATCAAGCAAGTGTCTTGCTGTCTTT ATTTAGTGGGTTTTGCGCGCGCGGTAGGCCCGGGACCA GCGGTCTCGGTCGTTGAGGGTCCTGTGTATTTTTTCCAGGAC GTGGTAAAGGTGACTCTGGATGTTCAGATACATGGGCA TAAGCCCGTCTCTGGGGTGGAGGTAGCACCACTGCAGAGCT TCATGCTGCGGGGTGGTGTTGTAGATGATCCAGTCGTAG CAGGAGCGCTGGCGTGGTGCCTAAAAATGTCTTTCAGTAG CAAGCTTATTGCCAGGGGCAGGCCCTTGGTGTAAGTGTT TACAAAGCGGTTAAGCTGGGATGGGGGCATACGTGGGGATA TGAGATGCATCTTGGACTGTATTTTTAGGTTGGCTATGT TCCCAGCCATATCCCTCCGGGGATTCATGTTGTGCAGAACCA CCAGCACAGTGTATCCGGTGCACTTGGGAAATTTGTCA TGTAGCTTAGAAGGAAATGCGTGGAAGAACTTGGAGACGCC CTTGTGACCTCCAAGATTTTCCATGCATTCGTCCATAAT GATGGCAATGGGCCCACGGGCGGCGGCCTGGGCGAAGATA TTTCTGGGATCACTAACGGCATAGTTGTGTTCCAGGATGA

GATCGTCATAGGCCATTTTTACAAAGCGCGGGGCGGAGGGTG CCAGACTGCGGTATAATGGTTCCATCCGGCCCAGGGGCG TAGTTACCCTCACAGATTTGCATTTCCCACGCTTTGAGTTCAG ATGGGGGGATCATGTCTACCTGCGGGGCGATGAAGAA AACGGTTTCCGGGGTAGGGGAGATCAGCTGGGAAGAAGC AGGTTCCTGAGCAGCTGCGACTTACCGCAGCCGGTGGGCC GCTAAATCACACCTATTACCGGGTGCAACTGGTAGTTAAGAG AGCTGCAGCTGCCGTCATCCCTGAGCAGGGGGGCCACT TCGTTAAGCATGTCCCTGACTCGCATGTTTTCCCTGACCAAAT CCGCCAGAAGGCGCTCGCCGCCCAGCGATAGCAGTTC TTGCAAGGAAGCAAAGTTTTTCAACGGTTTGAGACCGTCCGC CGTAGGCATGCTTTTGAGCGTTTGACCAAGCAGTTCCA GGCGGTCCCACAGCTCGGTCACCTGCTCTACGGCATCTCGA TCCAGCATATCTCCTCGTTTCGCGGGTTGGGGCGGCTTT CGCTGTACGGCAGTAGTCGGTGCTCGTCCAGACGGGCCAGG GTCATGTCTTTCCACGGGCGCAGGGTCCTCGTCAGCGTA GTCTGGGTCACGGTGAAGGGGTGCGCTCCGGGCTGCGCGC TGGCCAGGGTGCGCTTGAGGCTGGTCCTGCTGGTGCTGAA GCGCTGCCGGTCTTCGCCCTGCGCGTCGGCCAGGTAGCATT TGACCATGGTGTCATAGTCCAGCCCCTCCGCGGCGTGGC CCTTGGCGCGCAGCTTGCCCTTGGAGGAGGCGCCGCACGA GGGGCAGTGCAGACTTTTGAGGGCGTAGAGCTTGGGCGCG AGAAATACCGATTCCGGGGGGGTAGGCATCCGCGCCGACGGC CCCGCAGACGGTCTCGCATTCCACGAGCCAGGTGAGCTC TGGCCGTTCGGGGTCAAAAACCAGGTTTCCCCCATGCTTTTT GATGCGTTTCTTACCTCTGGTTTCCATGAGCCGGTGTC CACGCTCGGTGACGAAAAGGCTGTCCGTGTCCCCGTATACA GACTTGAGAGGCCTGTCCTAGAGCGGTGTTCCGCGGTCC TCCTCGTATAGAAACTCGGACCACTCTGAGACAAAGGCTCGC GTCCAGGCCAGCACGAAGGAGGCTAAGTGGGAGGGGTA GCGGTCGTTGTCCACTAGGGGGTCCACTCGCTCCAGGGTGT GAAGACACATGTCGCCCTCTTCGGCATCAAGGAAGGTGA TTGGTTTGTAGGTGTAGGCCACGTGACCGGGTGTTCCTGAA GGGGGGCTATAAAAGGGGGGTGGGGGGCGCGTTCGTCCTAC CTCTCTTCCGCATCGCTGTCTGCGAGGGCCAGCTGTTGGGG TGAGTACTCCCTCTGAAAAGCGGGCATGACTTCTGCGCT AAGATTGTCAGTTTCCAAAAACGAGGAGGATTTGATATTCAC CTGGCCCGCGTTGATGCCTTTGAGGGTGGCCGCATCCA TCTGGTCAGAAAAGACAATCTTTTTGTTGTCAAGCTTGGTGG CAAACGACCCGTAGAGGGCGTTGGACAGCAACTTGGCG ATGGAGCGCAGGGTTTGGTTTTTGTCGCGATCGGCGCGCTC CTTGGCCGCGATGTTTAGCTGCACGTATTCGCGCGCAAC GCACCGCCATTCGGGAAAGACGGTGGTGCGCTCGTCGGGC ACCAGGTGCACGCGCCAACCGCGGTTGTGCAGGGTGACAA GGTCAACGCTGGTGGCTACCTCTCGCGCTAGGCGCTCGTTG GTCCAGCAGAGGCGGCCGCCCTTGCGCGAGCAGAATGGC

GGTAGGGGGTCTAGCTGCGTCTCGTCCGGGGGGGTCTGCGTC CACGGTAAAGACCCCGGGCAGCAGCAGCGCGCGTCGAAGTA GTCTATCTTGCATCCTTGCAAGTCTAGCGCCTGCTGCCATGC GCGGGCGCAAGCGCGCCCCCTCGTATGGGTTGAGTGGGG GACCCCATGGCATGGGGTGGGTGAGCGCGGAGGCGTACAT GCCGCAAATGTCGTAAACGTAGAGGGGCTCTCTGAGTATT CCAAGATATGTAGGGTAGCATCTTCCACCGCGGATGCTGGC GCGCACGTAATCGTATAGTTCGTGCGAGGGAGCGAGGAG GTCGGGACCGAGGTTGCTACGGGCGGGCTGCTCTGCTCGG AAGACTATCTGCCTGAAGATGGCATGTGAGTTAAATGATA TGGTTGGACGCTGGAAGACGTTGAAGCTGGCGTCTGTGAGA CCTACCGCGTCACGCACGAAGGAGGCGTAGGAGTCGCGC AGCTTCTTGACCAGCTCGGCGGTGACCTGCACGTCTAGGGC GCAGTAGTCCAGGGTTTCCTTGATGATGTCATACTTATC CTGTCCCTTTTTTTCCACAGCTCGCGGTTGAGGACAAACTCT TCGCGGTCTTTCCAGTACTCTTGGATCGGAAACCCGT CGGCCTCCGAACGGTAAGAGCCTAGCATGTAGAACTGGTTG AGGGCCTGGTAGGCGCAGCATCCCTTTTCTACGGGTAGC GCGTATGCCTGCGCGCCTTCCGGAGCGAGGTGTGGGTGA GCGCAAAGGTGTCCCTGACCATGACTTTGAGGTACTGGTA TTTGAAGTCAGTGTCGTCGCATCCGCCCTGCTCCCAGAGCAA AAAGTCCGTGCGCTTTTTGGAACGCGGATTTGGCAGGG CGAAGGTGACATCGTTGAAGAGTATCTTTCCCGCGCGAGGC ATAAAGTTGCGTGTGATGCGGAAGGGTCCCGGCACCTCG GAACGGTTGTTAATTACCTGGGCGGCGAGCACGATCTCGTT AAAGCCGTTGATGTTGTGGCCCACAATGTAAAGTTCCAA GAAGCGCGGGATGCCCTTGATGGAAGGCAATTTTTTAAGTTC CTCGTAGGTGAGCTCTTCAGGGGGAGCTGAGCCCGTGCT CTGAAAGGGCCCAGTCTGCAAGATGAGGTGTGGAAGCGAC GAATGAGCTCCACAGGTCACGGGCCATTAGCATTTGCAGG TGGTCGCGAAAGGTCCTAAACTGGCGACCTATGGCCATTTTT TCTGGGGTGATGCAGTAGAAGGTAAGCGGGTCTTGTTC CCAGCGGTCCCATCCAAGGTTCGCGGCTAGGTCTCGCGCGG CAGTCACTAGAGGCTCATCTCCGCCGAACTTCATGACCA GCATGAAGGCCACGAGCTGCTTCCCAAAGGCCCCCATCCAA GTATAGGTCTCTACATCGTAGGTGACAAAGAGACGCTCG GTGCGAGGATGCGAGCCGATCGGGAAGAACTGGATCTCCC GCCACCAATTGGAGGAGTGGCTATTGATGTGGTGAAAGTA GAAGTCCCTGCGACGGCCGAACACTCGTGCTGGCTTTTGT AAAAACGTGCGCAGTACTGGCAGCGGTGCACGGGCTGTA CATCCTGCACGAGGTTGACCTGACGACCGCGCACAAGGAAG CAGAGTGGGAATTTGAGCCCCTCGCCTGGCGGGTTTGGC TGGTGGTCTTCTACTTCGGCTGCTTGACCTTGACCGTCTGGC TGCTCGAGGGGAGTTACGGTGGATCGGACCACCACGCC GCGCGAGCCCAAAGTCCAGATGTCCGCGCGCGGCGGTCGG AGCTTGATGACAACATCGCGCAGATGGGAGCTGTCCATGG

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